




Diabetes deaths in young adults

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
Background

- Case profiles
- European studies
- Montana death record caveats

Background

Data

Discussion



Death Records

- Time period: 1998-2008
- Young adults aged 18-29
- Diabetes listed as underlying or contributing cause of death
 - ICD-9 code of 250 or
 - ICD-10 code of E10-E14

Background

Data

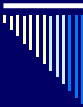
Discussion



Death Records

- 21 deaths
 - 9 underlying, 12 contributing
- Mean age of death=25 yo
- Mortality Rate
 - 18-29 yo: 13 per 10,000
 - 18-29 yo diabetics: 107 per 10,000

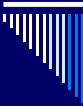
Background
Data
Summary



Probable ketoacidosis

- 5 deaths (24%)
 - 4 were found dead at home; time of death was early morning
 - 1 was our index case

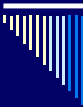
Background
Data
Discussion



Hypoglycemic brain damage

- 2 deaths (10%)
 - 1 man died after being in a vegetative state for 31 days
 - 1 woman died after having metabolic encephalopathy for 1 year

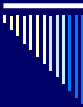
Background
Data
Discussion



Complications of diabetes

- 4 deaths (19%)
 - 3 died at home and were pronounced dead in the morning
 - 1 died in the ER in the late evening/early morning

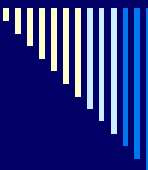
Background
Data
Discussion



Other deaths

<ul style="list-style-type: none"> □ 3 died of CHF □ 1 died of a cardiac arrest □ Co-morbid conditions: <ul style="list-style-type: none"> ■ Coronary atherosclerosis (2) ■ End-stage renal disease (2) 	<ul style="list-style-type: none"> □ 2 died of a sudden cardiac arrhythmia <ul style="list-style-type: none"> ■ ETOH a factor in 1 death □ 1 died of ETOH poisoning □ 1 could not breathe after a fall due to a seizure □ 1 died of a GI bleed □ 1 died of pneumonia
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Background
Data
Discussion



Discussion

Background
Data
Discussion
